

# Bhanu Shankar Sada

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Linkedin | GitHub

## SUMMARY

Aspiring Full-Stack Developer with hands-on experience in Python, SQL, and modern web technologies (HTML5, CSS3, JavaScript, React.js, Node.js). Skilled in database management, front-end and back-end development, and building user-friendly web applications. Strong academic foundation in Information Technology and passionate about creating efficient and scalable solutions.

## EDUCATION

### Kalasalingam Academy of Research and Education

Degree in Bachelor of Technology - Information Technology

Virudhunagar, Tamil Nadu, India

2022 - 2026

### Krishna Chaitanya Junior College

Degree in HSC

Nellore, Andhra Pradesh, India

2020 - 2022

### Kranthi Em High School

Degree in SSC

Nellore, Andhra Pradesh, India

2019 - 2020

## SKILLS

Programming Languages: Python, SQL, Java (Basics)  
Libraries/Frameworks: HTML5, CSS3, JavaScript, React.js, Node.js, Django (Beginner)  
Tools / Platforms: GitHub, VS Code, Jupyter Notebook, Advanced Excel, Tableau  
Databases: MySQL, MongoDB

## PROJECTS / OPEN-SOURCE

### Adaptive Diabetes Risk Analyser | Github

ML, Tableau

- Developed a machine learning model to predict diabetes risk using user-input features such as age, BMI, glucose level, and blood pressure.
- Performed data preprocessing, feature engineering, and model training to enhance prediction accuracy.
- Built an interactive web application using Streamlit for real-time health risk assessment and user interaction.
- Integrated data visualization features to help users interpret health risk factors and make informed decisions.

### Driver Drowsiness Detection Using ML | Github

Python, OpenCV, dlib, imutils, NumPy, SVM

- Developed a real-time system using Python and machine learning techniques to detect driver drowsiness by monitoring eye behavior and issuing alerts when signs of fatigue were detected.
- Utilized a pre-trained Support Vector Machine (SVM) model for eye state classification.
- Contributed to road safety by providing timely warnings to drowsy drivers.

### Phishing Detection Using ML | Github

Python, Scikit-learn, Pandas, NumPy, Matplotlib, Flask

- Developed a machine learning-based system to detect phishing websites using URL and webpage feature analysis.
- Collected and preprocessed dataset with attributes such as domain age, HTTPS status, and URL length for model training.
- Implemented multiple classification algorithms (Logistic Regression, Decision Tree, Random Forest, SVM) and compared accuracy to select the best-performing model.
- Built a simple user interface to input website URLs and provide real-time phishing detection results.

## CERTIFICATIONS

- HTML The Complete Guide to HTML** - Coursera.
- CSS and JavaScript Crash Course** - Coursera.
- JavaScript Fundamentals Course** - Coursera.